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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके

[Separate paging is given to this Part in order that it may be filed as a separate compilation]

## भाग III—खण्ड 2

## [PART III—SECTION 2]

## पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

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APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 214, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed under Section 135 of the Act.

27th January 1984

55/Cal/84. Chandi Charan Mukherjee. Improvements in or relating to soap holder or the like.

56/Cal/84. Fried Krupp Gesellschaft. Method of manufacturing of hot cladded metal strip through rolling under high pressure.

57/Cal/84. Siemens Aktiengesellschaft. A wide-band short-wave radio transmitter.

58/Cal/84. Tractel Tirfor India Private Limited. Hooking device with automatic quick release means under release of load.

28th January 1984

59/Cal/84. Mahle GmbH. Multi-part, liquid-cooled piston for internal combustion engines.

60/Cal/84. Hitachi, Ltd. Ladle Refining process and apparatus.

61/Cal/84. Indian Explosives Limited, Alkali and Chemical Corporation of India Limited and Chemical and Fibers of India Limited. Novel intermediate for the preparation of cyclopropane carboxylate esters.

30th January 1984

62/Cal/84. Messerschmitt-Bolkow-Blohm Gesellschaft Mit Beschrankter Haftung. Apparatus for carriage on a moving airborne weapons carrier for attacking ground targets.

63/Cal/84. Societe Anonyme D'Etudes, De Recherches Et De Productions D'Agents Chimiques- E.R.P.A.C. Improved screw driven sludge thickeners.

64/Cal/84. Cumbustion Engineering, Inc. High Temperature Pyrolysis Process.

65/Cal/84. Formica Corporation. Continuously Produced Melt Reacted Melamine-formaldehyde resins.

31st January 1984

66/Cal/84. K R O N E GmbH. Method and apparatus for signaling an existing telephone communication between picture telephone apparatuses.

67/Cal/84. Siemens Aktiengesellschaft. Electrical switch.

68/Cal/84. (1) Hubert Eirich, (2) Walter Eirich. (3) Paul Eirich. Method of regenerating old casting sand and apparatus for carrying out the method.

69/Cal/84. Tea Research Association. A device for withering tea leaves in a continuous and controlled manner.

1st February 1984

70/Cal/84. RCA Corporation Grounding a chip support paid in an integrated circuit device.

71/Cal/84. GNB Patteries Inc. Method and apparatus for assembling battery cell elements.

72/Cal/84. (1) Hubert Eirich. (2) Paul Eirich. (3) Walter Eirich. Apparatus for treating materials which are capable of flow.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

11th January 1984

13/Mas/84. Diversified Products Corporation. Adjustable push-up stand.

15/Mas/84. T. K. Premkumar. Energy Convertor.

12th January 1984

15/Mas/84. Dr. M. V. Pawaskar. Mini Portable electronic medical examination device for diagnosis and prognisis of various types of diseases.

16/Mas/84. N. D. Logasundaram. Shielded wind and water energy mill.

17/Mas/84. The Salk Institute For Biological Studies. A process for the manufacture of GRF Peptide Analogs.

13th January 1984

18/Mas/84. Yanmar Diesel Engine Co. Ltd. Governor for internal combustion engine.

19/Mas/84. Yanmar Diesel Engine Co. Ltd. Fuel injection quantity controlling device for diesel engine with vertical crankshaft.

20/Mas/84. Yanmar Diesel Engine Co. Ltd. Water-cooled diesel engine for use as outboard engine.

21/Mas/84. Yanmar Diesel Engine Co. Ltd. Valve arm chamber apparatus for diesel engine.

22/Mas/84. Koch Process Systems Inc. Distillative separation employing bottom additives.

23/Mas/84. Techmechtron Private Limited. A system for providing protection against tampering in an electronic control system fitted to a vehicle.

ALTERATION OF DATE

152664

(117/Cal/82)

Ante-dated to July 13, 1978.

COMPLETE SPECIFICATION ACCEPTED

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CLASS : 206E. 152643.

Int. Cl : H01p 3/20.

METHOD OF MANUFACTURING A SUBSTANTIALLY CONTINUOUS OPTICAL WAVEGUIDE AND ARTICLE FORMED THEREBY.

Applicant : CORNING GLASS WORKS, OF HOUGHTON PARK, CORNING, NEW YORK 14830, UNITED STATES OF AMERICA.

Inventor : PETER CHARLES SCHULTZ.

Application No. 188/Cal/80 filed February 20, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

14 Claims.

A method of manufacturing an optical waveguide blank from which an optical waveguide may be produced, comprising affixing a preform comprising a substantially longitudinally continuous core member to an end surface of a longitudiaal starting member, applying particulate material to the exterior surface of the core member to form an adherent coating having an index of refraction less than that of said core member, and longitudinally translating said starting member and said core member while simultaneously applying said adherent coating of said particulate material to said core member to form a continuous and substantially homogeneous adherent coating of substantially uniform thickness.

(Compl. Specn. 23 pages. Drg. 1 Sheet.)

CLASS : 206E. 152644.

Int. Cl. : H01p 3/20.

APPARATUS FOR FORMING AN OPTICAL WAVEGUIDE BLANK.

Applicant : CORNING GLASS WORKS, OF HOUGHTON PARK, CORNING, NEW YORK 14830, UNITED STATES OF AMERICA.

Inventor : MICHAEL GREGG BLANKENSHIP.

Application No. 232/Cal/80 filed February 28, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Apparatus for forming an optical waveguide blank and including at least two enclosed reservoirs containing liquid source materials therein, heating means for each reservoir, piping for supplying reagent vapors, and means such as a reaction burner or the like for forming a reaction product, characterized in that for delivery of wave-guide producing materials in vapor form from the reservoir to the reaction burner or the like without need for a carrier gas and without need for pumping means said heating means heats the liquid source material in the reservoir to a temperature sufficient to convert the liquid source materials therein to a vapor of predetermined minimum vapor pressure, and thereabove, within said reservoir, whereby the vapor pressure in each reservoir may vary above said minimum vapor pressure, a mass flow controller for each reservoir dictating the maximum pressure in each reservoir and comprising a pressure control valve, a meass flow transducer, a controller and a controller activated mechanism for operating the pressure control valve, means for injecting a reactant soot forming gas into the flow of vapors downstream of the control valve, and a system controller for supplying a control signal to each said controller.

(Compl. Specn. 16 pages. Drg. 1 Sheet.)

CLASS : 66B & 69I. 152645.

Int. Cl : F121 15/00.

AN IMPROVED SLIDE LOCK SWITCH FOR A FLASHLIGHT.

Applicant : UNION CARBIDE INDIA LIMITED, OF 1, MIDDLETON STREET, CALCUTTA-700 071, WEST BENGAL, INDIA.

Inventor : GURU SHARAN CHAUHAN & JAWAHAR LAL MALHOTRA.

Application No. 253/Cal/80 filed March 5, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A slide lock switch for a flashlight comprising a switch box of channel section, with a slot cut open in its base, a slide member in a housing in top portion of said box, walls of said housing guiding the said slide member adapted having clamp members to enable it to slide on rails formed by edges of the slot; a press button with U-channel base in an opening in the slide member; a lug in the base of the slide member projecting through the switch box slot; a groove in base of the slide member adjacent the lug; a lock spring with central portion at one end cut and bent to form a downwardly bent tongue and two upwardly bent prongs forming a passage in bejween; upwardly bent prongs resting in the groove adjacent the lug in switch 'Off' position and the lug resting in said passage; said lock spring being inclined; a contact strip adapted to be in contact with a terminal of the flashlight bulb; said lock spring passing beneath the U-channel base of said push button; an insulating strip between the lock spring and the contact strip; all, the lock spring, the contact strip and the insulating strip being secured together to the switch box through the casing wall, with the lock spring at end of its incline adapted to be in contact with casing of the flashlight or a conductor coming from buttom of the cells; and portion of the contact strip on the side of the incline of the lock spring remaining exposed for contact with downward bent tongue of the lock spring when the push button is pressed, also when the push button is pressed and slide moved forward the lug being adapted to slide along the inclined portion of the lock spring in frictional contact therewith keeping it pressed downward in contact with the contact strip until the slide member is pulled back once again to break the contact.

(Compl. Specn. 12 pages. Drgs. 7 Sheets.)

CLASS : 129G. 152646.

Int. Cl. : G01m 13/00.

ELECTRO-OPTICAL TESTING APPARATUS FOR DETERMINING THE TRANSLATIONAL AND ROTATIONAL ORIENTATION OF PORTIONS OF AN OBJECT WITH RESPECT TO A SYSTEM REFERENCE POSITION.

Applicant : CUMINS ENGINE COMPANY, INC., OF 1000 5TH STREET, COLUMBUS, INDIANA, UNITED STATES OF AMERICA.

Inventor : JOSE CRUZ.

Application No. 256/Cal/80 filed March 5, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Electro-optical testing apparatus for determining the translational and rotational orientation of portions of an object with respect to a system reference position, comprising (a) a base means for defining a system reference position when mounted on a stable support, (b) an optical beam forming means mounted on said base for forming and projecting an optical beam along an optical axis having a predetermined relationship with the system reference position, and (c) target means for receiving the optical beam when mounted on the object and for redirecting a first portion of said beam to indicate the rotational position of the target means relative to the system reference position and for producing an electrical signal indicative of the translational position of the target means relative to the system reference position.

(Compl. Specn. 18 pages. Drgs. 3 Sheets.)

CLASS : 172C$_1$. 152647

Int. Cl. : D01g 15/00.

APPARATUS FOR CONTROLLING THE WORKING CONDITIONS IN A PROCESSING MACHINE OF THE STAPLE FIBRE SPINNING PLANT.

Applicant : MASCHINENFABRIK RIETER A.G., OF WINTERTHUR, SWITZERLAND.

Inventor : GIANCARLO MONDINI.

Application No. 467/Cal/80 filed April 23, 1980.

Convention date 23rd April, 1979 (32961/79) U.K.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

19 Claims.

Apparatus for controlling the working conditions between two rotating cylinders, which are equipped with a point clothing, and on the cylindrical surface of which a fibre web is mutually transferred, and which cooperate at a small mutual distance of a processing machine of the staple fibre spinning plant, characterized in that a measuring element (25,90,92) is provided for continuously or cyclically scanning a characteristic which is directly connected with the dimensions of at least one of the two cylinders (4, 5; 70, 72; 72, 81; 72, 83; 72, 84; 72, 74) and that the support members (13, 69, 73, 86) of at least one cylinder (5, 70, 74, 81, 82, 83, 84) are arranged movable mutually parallel in a plane substantially parallel to the plane containing the axis of both cylinders, and that moving elements (21, 75, 76, 77, 78, 79, 80) for the movable support members (13, 69, 73, 86) of the cylinder (5, 70, 74, 81, 82, 83, 84) and control means (22, 95) are provided, which control the moving elements (21, 75, 76, 77, 78, 79, 80) in function of the characteristic scanned.

(Compl. Specn. 24 pages. Drgs. 3 Sheets.)

CLASS : 14A$_1$, A$_2$ & A$_3$. 152648.

Int. Cl. : H01m 39/00.

A MULTICELL ELECTRIC STORAGE BATTERY.

Applicants : CHLORIDE GROUP LIMITED, OF 52, GROSVENOR GARDENS, LONDON SW1W OAU, ENGLAND.

Inventors : KEITH JULIAN AND RAYMOND CHARLES IRVING.

Application No. 545/Cal/80 filed May 8, 1980.

Convention dates May 9, 1979 (16116/79) U.K. and July 20, 1979 (25363/79) U.K.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A multicell electric storage battery comprising two or more juxtaposed flat battery elements, each battery element comprising two or more cell elements disposed side by side and separated by cell element defining strips of electrolyte resistant polymer material, each cell element including a current conductor carrying active electrode material, the regions of active material being spaced from each other by the cell element defining strips, the polarity of the active material of each cell element being different to that of the or both adjacent cell elements of the same battery element adjacent battery elements being disposed relative to each other such that the cell element defining strips of adjacent battery elements are in registry and the polarity of the active material of each cell element is different to that of the or both opposed cell elements of the or both adjacent battery elements, all the cell elements at one end of the battery elements of positive polarity having a terminal conductor disposed in the plane of the element and connected to the positive terminal of the battery and all the cell elements do not have a terminal conductor being connected to an adjacent cell element in the same battery element through the cell defining strip between them, electrolyte and gas permeable compressible fibrous separator material having an electrolyte absorption ratio of at least 100% being disposed between the juxtaposed regions of active material of adjacent battery elements, the battery at least when fully charged having substantially no free unabsorbed electrolyte whereby substantial oxygen gas recombination occurs in the battery at charging rates not in excess of C/20.

(Compl. Specn. 22 pages. Drgs. 4 Sheets.)

CLASS : 32E. 152649.

Int. Cl. C08f 3/00, 3/56.

AN IMPROVED PROCESS FOR PREPARING VINYL ACETATE/VINYL ALCOHOL COPOLYMERS.

Applicants : MONTEDISON S.P.A., OF 31, FORO BUONAPARTE, MILAN, ITALY.

Inventors : ANGELO CROSATO ARNALDI, GIOVANNI PAOLO CROSE, GRAZIANO VIDOTTO AND SAURO GAIBA.

Application No. 604/Cal/80 filed May 23, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

An improved process for preparing vinyl acetate/vinyl alcohol copolymers having a narrow size distribution of the particles, a hydrolysis degree ranging from 60% to 80%, an index higher than 0.5 and lower than 1 wherein a solution of polyvinylacetate is hydrolyzed in the presence of an acid catalyst such as herein described characterized in that the said hydrolysis is carried out in a homogeneous phase.

(Comp. Specn. 11 pages. Drgs. Nil.)

CLASS : 172F. 152650.

Int. Cl. : D01h 13/26.

A TENSILE STRENGTH TESTING APPARATUS.

Applicants : ZELLWEGER USTER LTD., OF WILSTRASSEE 11, CH-8610 USTER (SWITZERLAND).

Inventors : PETER BRASSEL AND RUDOLF ZINGG.

Application No. 659/Cal/80 filed June 3, 1980.

Appropriate office for Opposition Proceedings (Rule 4) Patents Rules, 1972) Patent Office, Calcutta.

7 Claims.

A tensile strength testing apparatus, comprising a thread insertion mechanism and thread clamps one of which is connected to a force measuring device, which clamps secure

the thread, wherein the thread is initially inserted into the thread clamps and after at least one of the thread clamps has been closed, the initial tension is measured by a force measuring device.

(Compl. Specn. 12 pages. Drgs. 2 sheets.)

CLASS 187C$_{II}$. 152651.

Int. Cl. : H03f 3/00.

A SHUNT VOLTAGE REGULATION CIRCUIT AND AN ELECTRONIC CIRCUIT HAVING THE SAME.

Applicant : INTERNATIONAL STANDARD ELECTRIC CORPORATION, OF 320 PARK AVENUE, NEW YORK 10022, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor : PETER FRED BLOMLEY.

Application No. 666/Cal/80 filed June 5, 1980.

Convention date 31st August, 1979 (30246/79) U.K.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

A shunt-voltage regulation circuit which includes a first amplifier to one input of which is applied a voltage from a voltage source and to another input of which is applied a first reference voltage so that the output of the amplifier is a voltage dependent on a comparison of said voltages, said output providing the regulated output of the circuit, a feedback connection from the amplifiers output to the first input of the amplifier, a further output from the first amplifier from which a voltage proportional to the output voltage of the first amplifier is applied to a first input of a second amplifier to a second input of which is applied a second reference voltage, and a connection from the output of the second amplifier to the source of the first reference voltage via which the said first reference voltage is adjustable in accordance with the value of the output voltage of the said amplifier, wherein as the current in the circuit to which the regulated output varies the voltage output of the first amplifier is subject to very small variation above a level, but to relatively large variataion below the threshold, the voltage decreasing with current below said threshold.

(Compl. Specn. 14 pages. Drgs. 4 Sheets.)

CLASS : 116C. 152652.

Int. Cl. : B65g 15/00.

METHOD FOR MANUFACTURING TEXTILE REINFORCED CONVEYOR BELTING.

Applicant : J. H. FENNER & CO. LIMITED, OF MARFLEET, HULL, NORTH HUMBERSIDE, ENGLAND, HU9 5 RA.

Inventor : GILBERT ERNEST WATTS.

Application No. 667/Cal/80 filed June 5, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

A method for manufacturing textile reinforced conveyor beltings which comprises subjecting the outer surfaces of a textile carcase constituted wholly of synthetic fibre yarns, or comprising at least a major proportion of synthetic fibre yarns, to a brushing or raising action so as to break and raise or to roughen a proportion of the filaments in the outermost yarns of the carcase, followed by impregnation and/or coating of the carcase with a polymeric or elastomeric material.

(Compl. Specn. 6 pages. Drg. Nil.

CLASS : 94. 152653.

Int. Cl. : B02c 18/40, 19/12, 25/00.

ROTARY SHREDDING MACHINES.

Applicant : METAL BOX LIMITED, OF QUEENS HOUSE, FORBURY ROAD, READING RG1 3JH, ENGLAND.

Inventors : JOHN PATRICK HARDWICK, MICHAEL JOHN PEZET, ASADOLLAH AGAMALEKY SARVESTANY AND DAYANANDA SATHARASINGHE.

Application No. 692/Cal/79 filed July 5, 1979.

Convention date 5th July, 1978 (28952/78) U.K.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A rotary Shreeding machine of the kind hereinbefore specified, wherein the common plane containing the cutter shaft axes is inclined to the horizontal, the side exit means comprising a single chute in the side of the chamber adjacent the cutters of the lower one of the cutter shafts and an openable access door for closing the chute.

(Compl. Specn. 18 pages. Drgs. 5 Sheets.)

CLASS : 204. 152654.

Int. Cl. : G01g 19/00.

PERIODIC WEIGH BRIDGE.

Applicant & Inventor : MADAN SINGH, OF QUARTER No. 7, 'A' ROAD, STREET, SECTOR IX, P.O. BOKARO STEEL CITY DISTRICT DHANBAD, BIHAR.

Application No. 804/Cal/80 filed July 14, 1980.

Complete Specification left October 13, 1981.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 Claims.

A periodic weighbridge comprising a bunker supported on one or more load cells connected to a load cell signal controller which is adjusted to produce a signal of a predetermined voltage when the bunker is not loaded, a vibrator for loading the desired materials in the bunker, an integrated controlled oscillator adapted to receive output signal from the load cell signal controller in excess of the said predetermined voltage and convert the same signal into oscillations and feed the oscillations in different digital counters.

(Compl. Specn. 16 pages. Drgs. 5 Sheets.)

CLASS : 2B$_3$. 152655.

Int. Cl. : G06f 3/02, G06k 15/00.

PHOTO-OPTICAL KEYBOARD HAVING DEBRIS PROTECTION.

Applicant : BURROUGHS CORPORATION, BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Inventor : EDWARD IRWIN NELSON.

Application No. 893/Cal/ filed August 5, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A photo-optical keyboard comprising :

a keyboard housing having matrix of rows and columns of apertures for keys, said housing having recesses open to the top of the keyboard between said apertures; and multiple keys for positioning in said keyboard housing apertures, said keys each having an umbrella cap with edges extending over said recesses between said apertures, whereby liquid and debris spilling on said umbrella cap will fall into said recesses to be contained.

(Compl. Specn. 12 pages. Drgs. 6 Sheets.)

CLASS : 32F$_{3c}$ & 32F$_{3d}$. 152656.

Int. Cl. : C07c 35/18, 49/30.

IMPROVED METHOD FOR THE PREPARATION OF CYCLOHEXANOL.

Applicant : STAMICARBON B.V., OF P.O. BOX 10, GELEEN, THE NETHERLANDS.

Inventors : PAUL CHRISTIAAN VAN GEEM, THEODORUS FRANCISCUS MARIA DE GRAAF, DIRK KNOL AND OTTO GERRIT PLANTEMA.

Application No. 897/Cal/80 filed August 6, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

5 Claims.

Improved method for the preparation of cyclohexanol by hydrogenating benzene to cyclohexene, hydrating the cyclohexene to cyclohexanol and recovering the cyclohexanol from the reaction mixture, this method being characterized in that the mixture of cyclohexane with benzene and/or cyclohexene, which remains after recovering of cyclohexanol from the reaction mixture of the hydrating step, is subjected to a dehydrogenation reaction as herein described, and the benzene thus obtained is returned to the hydrogenation step.

(Compl. Specn. 8 pages. Drgs. 2 Sheets.)

CLASS : 47C. 152657.

Int. Cl. : C10b 21/06.

A METHOD OF MANUFACTURE OF COKE.

Applicant : DR. C. OTTO & COMP. GMBH., OF CHRISTSTRASSE 9, 4630, BOCHUM, WEST GERMANY.

Inventor : FOLKARD WACKERBARTH.

Application No. 750/Cal/80 filed June 30, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

A method of manufacture of coke in a regenerative coke oven wherein gaseous fuel is introduced into heating chambers through a pipe distribution and nozzle system, characterised by the following steps : mixing a lean fuel gas with a rich fuel gas, maintaining the pressure of the resulting gas mixture in said pipe-distribution system at a fixed value regardless of the proportions of lean gas to rich gas in said mixture, and controlling the time during which the gas mixture is supplied to said heating chamber during each regenerative half cycle as a function of the calorific value of said gas mixture, whereby the time during which the gas mixture is supplied to said heating chamber during each regenerative half cycle is increased as the calorific value of the gas mixture decreases and vice versa and said fixed value of pressure is that value required for a rich-lean gas mixture containing the maximum amount of lean gas.

(Compl. Specn. 6 pages. Drgs. Nil.)

CLASS : 31C. 152658.

Int. Cl. : H01l 9/00.

A PROCESS FOR PREPARING PNPN THYRISTORS.

Applicants : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTRE, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : JOHN BARTKO AND EARLY STAUFFER SCHLEGEL.

Application No. 1319/Cal/80 filed November 28, 1980.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims.

A process for preparing a pnpn thyristor in a body of silicon in which the p-type anode emitter region is electrically shorted to the n-type anode base region, characterized by the step of;

implanting boron atoms through the n-type cathode emitter to form a p-/- type region between the n-type cathode emitter region and the p-type cathode base region.

(Compl. Specn. 9 pages. Drgs. 3 sheets.)

CLASS : 199. 152659.

Int. Cl. : G01f 23/00.

ELECTRICAL LIQUID LEVEL INDICATOR WITH ADJUSTMENT DIAL PARTICULARLY FOR AUTO FUEL TANKS.

Applicants : VDO ADOLF SCHINDLING AG., OF GRAFSTRASSE 103, FRANKFURT/MAIN, WEST GERMANY.

Inventor : ALBERT STOLZLECHNER.

Application No. 43/Cal/81 filed January 15, 1981.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims.

Electrical liquid level indicator with adjustment dial particularly for auto fuel tanks, which includes in one casing a measuring device with an indicator, especially a bimetal measuring device as well as an instrument dial for indicating the level of liquid in a fuel tank of a motor vehicle by means of an electric level-transmitting device arranged in the tank, which can be connected to the measuring device characterised in that the instrument dial 5 is constructed to be displaceable in relation to the indicator 4 from outside of the casing 1 by the provision of slots 6 and 7 in the instrument dial 5 through which slots extend respectively rivets 6A and 7A and the means for displacement comprise a handle in the form of an adjusting arm 13 extending out of the casing of the instrument, the shifting or displacing of the dial instrument being effected by the movement of the arm 13 which in turn operates a lever 11 connected to the instrument at 15, the rivets 6A and 7A sliding through the slots 6 and 7 respectively thereby enabling displacement of the instrument dial 5.

(Compl. Specn. 13 pages. Drgs. 2 sheets.)

CLASS : 63A$_{2}$. 152660.

Int. Cl. : H02k 19/00.

INDUCTION MOTOR WITH SHORT-CIRCUITED ARMATURE AND A PIPE CAGE.

Applicants : NOVEX FOREIGN TRADE CO. LTD., OF 1346 BUDAPEST, P.O. BOX 62, HUNGARY.

Inventors : LASZLO KOCSIS AND GYORGY KOCSIS.

Application No. 98/Cal/81 filed January 29, 1981.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims.

Induction motor with a short-circuited armature and a pipe cage, at which the rotor bars protrude beyond the frontal side of the rotor at one or both ends thereof and on the protruding ends of the bars short-circuiting means are arranged, furthermore in the bar section between the short-circuiting means and the frontal side of the rotor, at least on one side of the rotor short-circuited tubes made of a magnetizable material are placed on each of the rotor bars insulated from the rotor bars, characterized in that the wall-thickness of the tubes is selected in such a manner that partly they should reach or at least approximate the state of magnetic saturation under the influence of starting current, partly the Skin-effect should arise in them.

(Compl. Specn. 15 pages. Drgs. 2 sheets )

CLASS : $55D_2$ & $60X_2(_b)$. 152661.

Int. Cl. : A01n 9/00.

PROCESS FOR THE MANUFACTURE OF INSECTICIDAL VAPOURS EMITTING COMPOSITION ON PYRETHRINOID BASE.

Applicants : AIRWICK AG., WEBERGASSE 34, 4002 BASLE, SWITZERLAND.

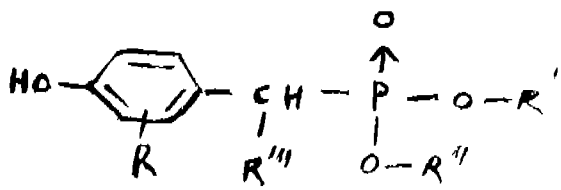
Inventors : CLAUDE HENNART AND RENE BLANC.

Application No. 210/Cal/81 filed February 26, 1981.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

Process for the manufacture of insecticidal vapours emitting composition on a pyrethrinoid base, which is resistant to heat at elevated temperatures for a longer period, characterized by mixing together 2 to 15% by weight of at least one pyrethrinoid such as herein described, 0.1 to 15% by weight of a stabilizer of the formula as shown in the accompanying.




drawing, wherein R represents one or two optional alkyl radicals containing one to twelve carbon atoms, R' and R'', alike or different, represent each an alkyl radical containing one to eighteen carbon atoms, R' and R'' together can represent a divalent saturated hydrocarbon group containing two to seven carbon atoms and R''' represents a hydrogen atom or an alkyl radical containing one to seven carbon atoms and 70 to 97.9% by weight of at least one adjuvant inert to the pyrethrinoid and selected from the group of diluents, thickening agents, perfumes, synergists, colorants, repellents, solid supports and comburants such as herein described.

(Compl. Specn. 32 pages. Drgs. 1 sheet.)

CLASS : 102B. 152662.

Int. Cl. : F15b 15/00, 21/00.

A HYDRAULIC POWER CONTROL TRANSMISSION SYSTEM.

Applicants : SPERRY CORPORATION, OF 1401 CROOKS ROAD TROY, MICHIGAN-48084, STATE OF DELAWARE, UNITED STATES OF AMERICA.

Inventor : KURT ROLAND LONNEMO.

Application No. 267/Cal/81 filed March 11, 1981.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

A hydraulic power control system comprising

a hydraulic actuator having opposed openings adapted to alternately function as inlets and outlets for moving the element of the actuator in opposite directions,

a pump for supplying fluid to said actuator,

meter-in valve means to which the fluid from the pump is supplied,

said meter-in valve means being pilot controlled by alternately supplying fluid at pilot pressure to said meter-in valve means for controlling the direction of movement of the actuator,

a pair of lines extending from said meter-in valve means to said respective openings of said actuator,

meter-out valve means associated with each opening of the actuator for controlling the flow out of said actuator,

said meter-out valve means being pilot operated by the pilot pressure,

and means for sensing a predetermined drop in pressure in the line supplying fluid to one opening of said actuator caused by a runaway load in one direction and operating said meter-out valve means to interrupt flow out of the other opening of said actuator.

(Compl. Specn. 16 Pages. Drgs. 3 Sheets.)

CLASS : 145C & 152E. 152663.

Int. Cl. : B29j 5/02, D21h 1/00; D21j 1/00.

PROCESS FOR THE PREPARATION OF PARTICLE BOARDS.

Applicant : THE UPJOHN COMPANY, OF 301 HENRIETTA STREET, KALAMAZOO, MICHIGAN, UNITED STATES OF AMERICA.

Inventors : WILLIAM JOSEPH FARRISSEY JR., ALEXANDER McLAUGHLIN, REINHARD HANS RICHTER, CURTIS PAGE SMITH AND BENJAMIN WILFRED TUCKER.

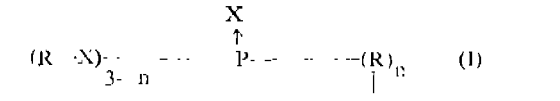
Application No. 372/Cal/81 filed April 2, 1981.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

10 Claims.

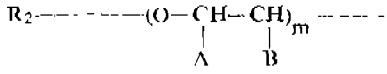
In a process for the preparation of particle board wherein particles of cellulosic or noncellulosic organic material as herein described capable of being compacted are admixed with a polyisocyanate composition such as herein described and the treated particles are subsequently formed into boards by the application of heat and pressure, the improvement which comprises contacting said particles, in addition

to the treatment with said polyisocyanate composition, with from 0.1 to 20 parts, per 100 parts by weight of said polyisocyanate, of a release agent of the formula :

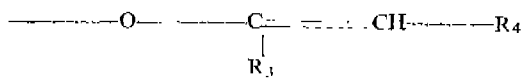


(I)

wherein R represents a member selected from the class consisting of alkyl having at least 3 carbon atoms, alkenyl having at least 3 carbon atoms, aryl, aryl, substituted by at least one alkyl, lower-alkyl substituted by from 1 to 2 acyloxy groups wherein the acyl group is the residue of an aliphatic monocarboxylic acid having at least 2 carbon atoms, and



wherein $R_2$ is selected from the class consisting of alkyl, aryl, and aryl substituted by at least one alkyl, one of A and B represents hydrogen and the other is selected from the class consisting of hydrogen, methyl, chloromethyl and 2, 2, 2-trichloroethyl, and m is a number having an average value from 1 to 25; $R_1$ is a member selected from the class consisting of chlorine, bromine, lower-alkoxy, lower-alkylmercapto, arylamino, mono (lower-alkyl) amino, di(lower-alkyl) amino, hydroxy (lower-alkylene) oxy, aryloxy, hydrocarbylureido, and an enol residue of the formula



wherein $R_3$ is hydrocarbyl, and $R_4$ is selected from the class consisting of hydrogen, hydrocarbyl, alkoxy and carbalkoxy, and $R_3$ and $R_4$ taken together represent the residue of a cycloalkenyl group : X is oxygen or sulfur; and n is an integer from 1 to 2; provided that, when n=1, one of the two R groups can also be selected from methyl and ethyl, and further provided that, when n=1, the two RX groups, taken together with the P atom to which they are attached, can additionally form the residue of a heterocyclic nucleus having from 5 to 6 ring atoms.

(Compl. Specn. 39 pages. Drg Nil.)

CLASS : 83A$_1$ & 136C. 152664.

Int. Cl. A23j 3/00 A231 1/34; B32b 31/30; B30b 11/22.

AN IMPROVED METHOD OF PRODUCING A MEAT ANALOGUE PRODUCT.

Applicant : WENGER MANUFACTURING, SABETHA, COUNTY OF NEMAHA, KANSAS, UNITED STATES OF AMERICA.

Inventors : LAVON GENE WENGER, DOUGLAS STUART CLARK AND BOBBIE WAYNE HAUCK.

Application No. 117/Cal/82 filed January 29, 1982.

Division of Application No. 775/Cal/78 filed July 13, 1978.

Appropriate office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims.

An improved method of producing a meat analogue product as herein described wherein hot moist material as herein described comprising a vegetable protein and moisture is placed into the barrel of an elongated extruder, said material is transported along the length of said barrel by the rotation of the extruder screw, and the material is thereafter extruded through the extrusion die of said extruder, wherein the improvement comprises causing as herein described the formation of a first compacted mass of said material which presents a first choke of the material intermediate the ends of said barrel; thereafter moving as described herein said material away from said first choke and into a region within the barrel downstream therefrom, whereupon the said material subdivides; and moving the subdivided material into a zone downstream of said region, and recombining the material to form a second compacted mass thereof which presents a second choke within the barrel, said second compacted mass being extruded from said barrel and the extruded material is cut dried and cooled.

(Compl. Specn. 29 pages. Drgs. 3 Sheets.)

## OPPOSITION PROCEEDINGS

(1)

An opposition has been entered by Cement Research Institute of India to the grant of a Patent on application No. 151927 made by Orissa Cement Ltd.

(2)

An opposition has been entered by Cement Research Institute of India to the grant of a patent on application No. 151928 made by Orissa Cement Ltd.

(3)

The application for patent No. 146572 made by Domestic Appliances in respect of which opposition was entered by Super Parts Private Limited as notified in the Gazette of India, Part-III, Section 2 dated the 9th August, 1980, the opposition on the application for patent has been dismissed and a patent has been ordered to be sealed.

(4)

An opposition has been entered by Shri Rajju Shroff to the grant of a patent on application No. 151830 made by Smt. Nitaben P. Shah.

## Claim under Section 20 (1) of the Patents Act, 1970

(1)

Notice is hereby given that claim made by INTERPARTE AKTIENGESELLSCHAFT under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 148634 in their name has been allowed.

(2)

The claim made by British Aerospace Public Limited Company, under Section 20(1) of the Patents Act, 1970, to proceed the application for Patent No. 149606 in their name has been allowed.

## PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy :—

(1)

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## AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that Kearney & Trecker Corporation a Corporation of the State of Wisconsin, having a principal place of business at 11000 Theodore Trecker Way, West Allie Wisconsin, 53214, United States of America, have made an application under section 57 of the Patents Act, 1970 for amendment of application their patent application No. 148413 for "Apparatus for displaying an analog signal which occurs in a computer controlled machine tool circuit". It is desired that the application form reflect full middle name. The amendments are by way of correction of second inventor from Lyle D. Ostby' to 'Lyle David Ostby. The application for amendment and the proposed amendment can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-700017, or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from the date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

## RENEWAL FEES PAID

119617 119645 119685 119952 119969 120369 120511 124996
125007 125207 125448 130172 130270 130633 132212 133969
134453 134475 134518 134605 134624 134733 134865 134991
135382 135383 136908 136979 137421 138162 138297 138537
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## RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 142474 dated the 28th November, 1975 made by Uma Prasad Mahapatra on the 17th November, 1982 and notified in the Gazette of India Part III, Section 2 dated the 23rd April, 1983 has been allowed and the said patent restored.

## REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of *registration* of the design included in the entry.

Class 1. No. 153883. Har Sukh, son of Shri Udmi Ram, Post Office : Shahabad Mohammedpur, Delhi-110045, Indian National. "GUN". 16th December, 1983.

Class 1. No. 153244. Nibro Limited, E-5, Hauz Khas, New Delhi-110016 India. An Indian Company. "Cutlery". 11th July, 1983.

Class 1. No. 153245. Nibro Limited, E-5, Hauz Khas, New Delhi-110016 India. An Indian Company. "Cutlery". 11th July, 1983.

Class 1. No. 153246. Nibro Limited, E-5, Hauz Khas, New Delhi-110016 India. An Indian Company. "Cutlery". 11th July, 1983.

Class 1. No. 153665. Oriental Stainless Steel Products, a registered Indian Partnership firm, registered under Indian Partnership Act, 1932, having office at C-14, Laghu Udyog Kendra, Building No. 1, J. B. Patel Road, Goregaon (East), Bombay 400 063, Maharashtra, India. "Spoon". 15th November, 1983.

Class 3. No. 153888. Goverdhan Das Anantlal Dammani, trading as Anant Plastic Industries, Bartan Bazar, Amravati 444601, Maharashtra State, Indian National. "Rope". 19th December, 1983.

Class 3. No. 153899. Fernhill Laboratories & Industrial Establishment, M.B. House, 4th floor, 79, Ghoga Street, Fort, Bombay 400001, Maharashtra, an Indian Partnership Firm. "Container/Bottle". 22nd December, 1983.

Class 3, 153884. Peico Electronics and Electricals Limited, of Shivsagar Estate, Block "A", Dr. Annie Besant Road, Worli, Bombay 18(WB), Maharashtra State, India, an Indian Company. "Radio Record".

SHANTI KUMAR
*Controller-General of Patents, Designs and Trade Marks*

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